

First/Last Mile Strategic Plan

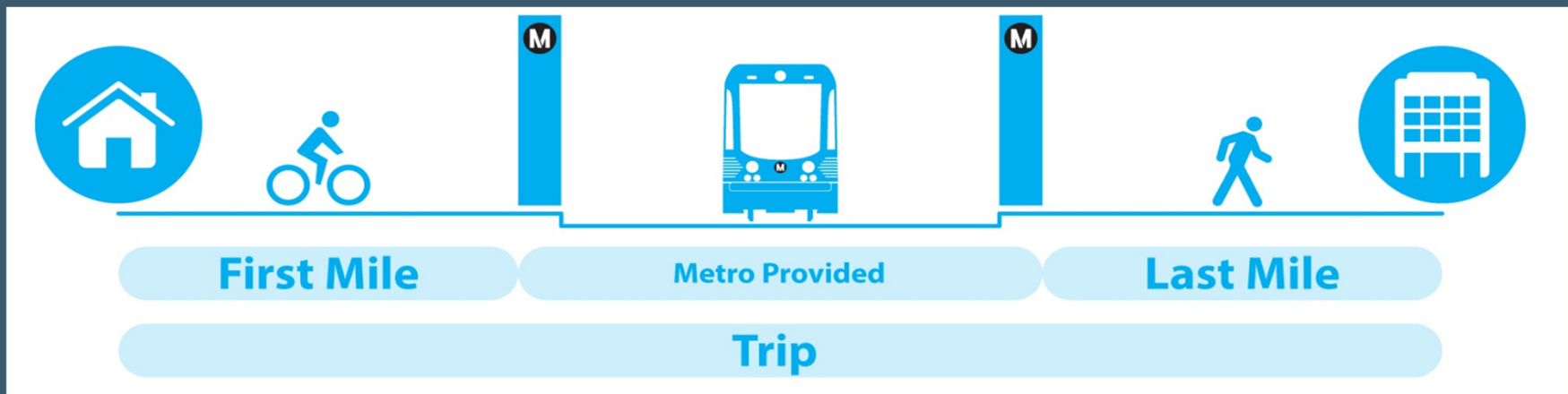
Planning Guidelines

Background

- Joint effort between Metro and SCAG to meet the requirements of the Regional Transportation Plan/Sustainable Communities Strategy
- Implements
 - Metro Countywide Sustainability Planning Policy
 - SCAG/Metro Joint Work Program
- Metro Board adopted the First/Last Mile Strategic Plan in April 2014

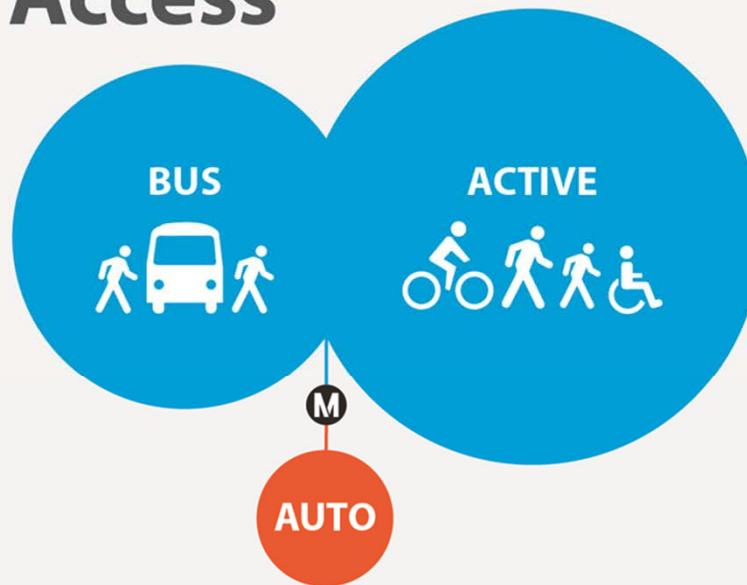
Project Purpose

- Develop a Metro First-Last Mile Strategic Plan to achieve multiple objectives:
 - Expand the reach of transit through infrastructure improvements.
 - Maximize multi-modal benefits & efficiencies.
 - Guide strategic investment - provide basis for seeking additional capital funds.



Transit Access Characteristics

Metro Rail/BRT Access

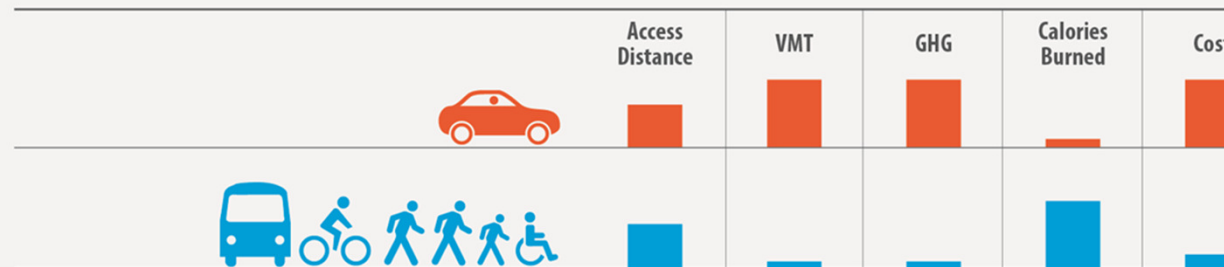


91%
Walk, Bike, Roll,
and Take Buses to Stations

Active Transportation Networks
2011 Metro On-Board Survey



9%
Drive & Park
or Dropped-Off at Stations
Roads & Parking Facilities



Metro

Observed Access Barriers

Safety and Security



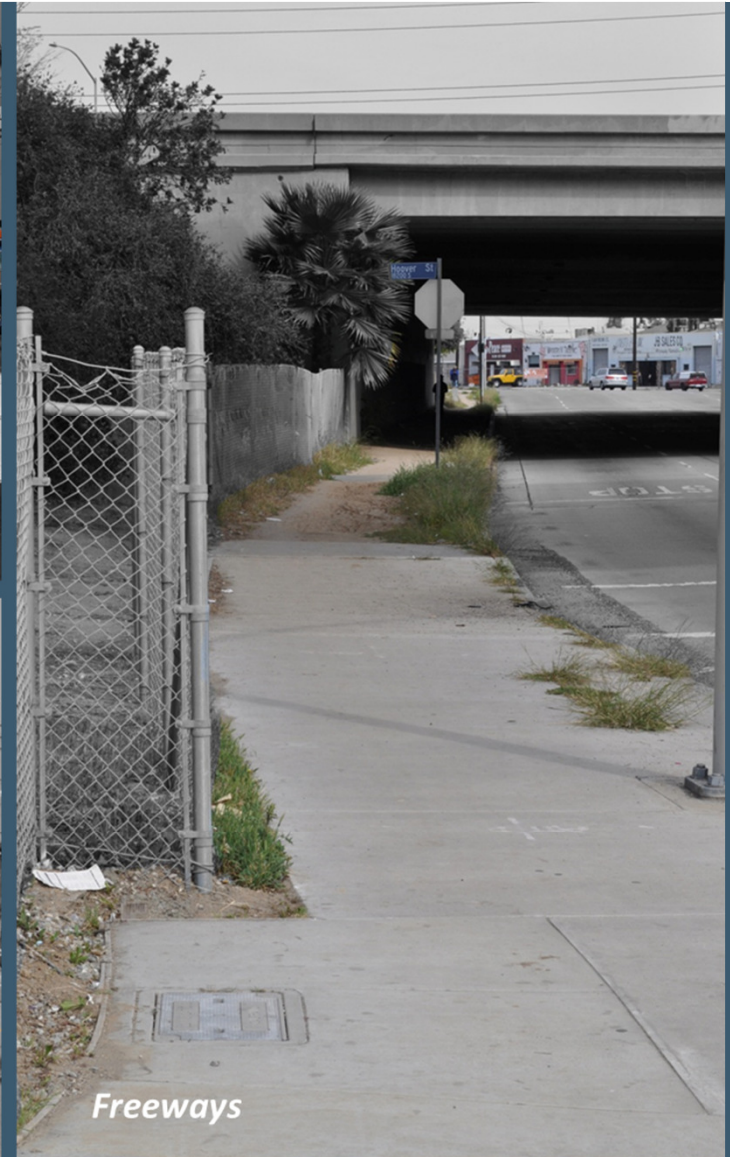
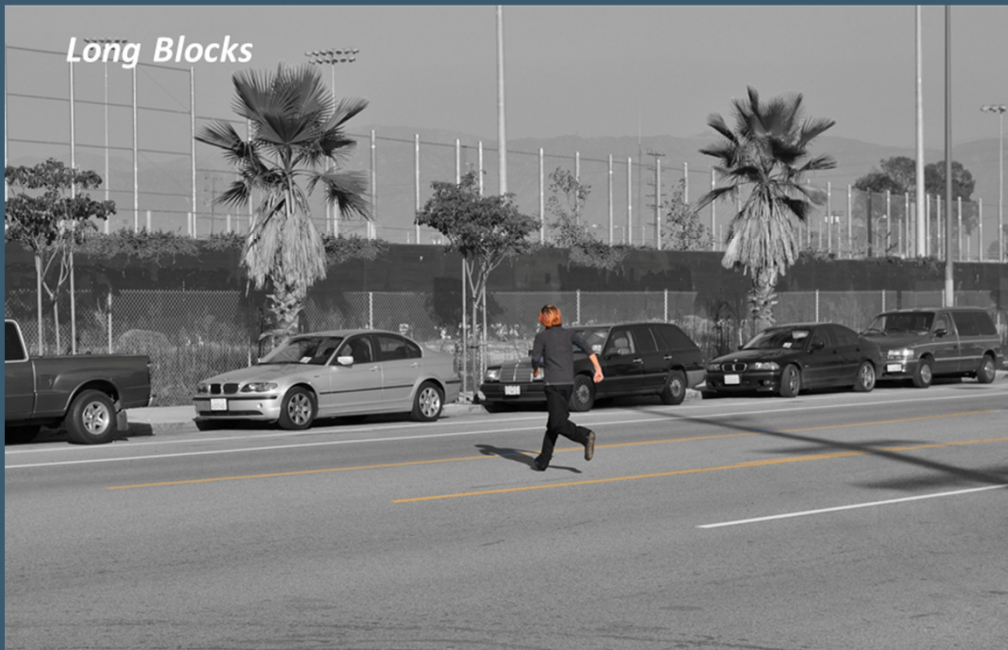
Maintenance



Legibility

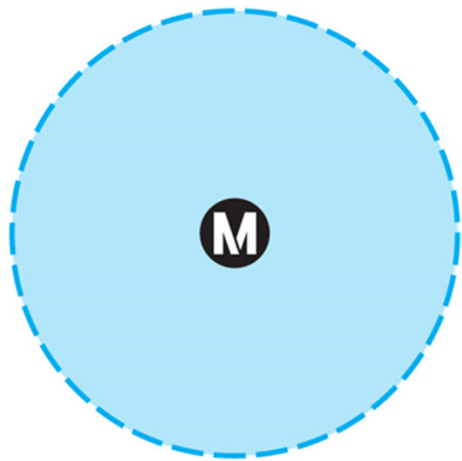


Observed Access Barriers



First/Last Mile Strategy

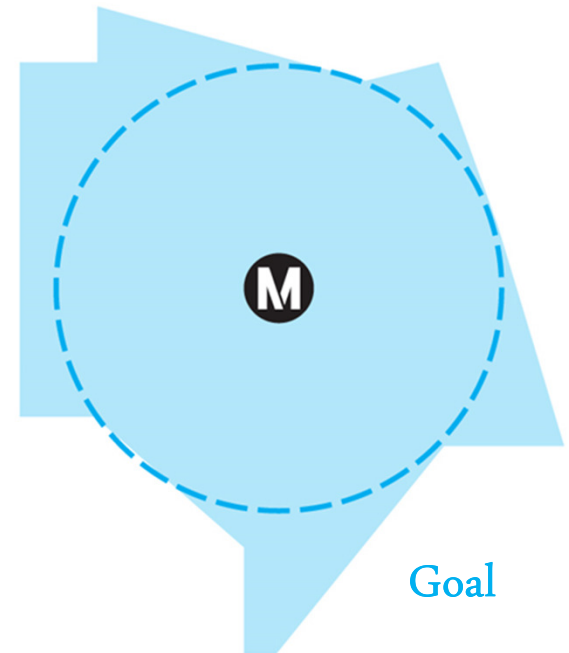
- Respond to the challenges faced by transit users with a focused infrastructure improvement strategy, “the Pathway”
- Path networks increase speed of active travel, reduce point to point distances, and support multimodal transfer activity.



Policy



Reality



Goal

First/Last Mile Planning Methodology

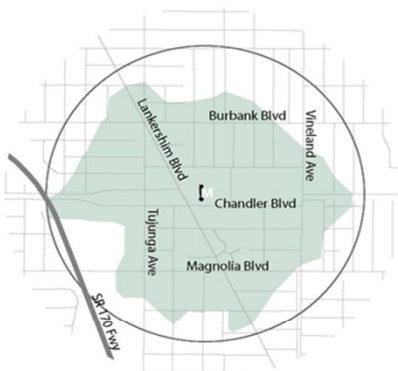
- Site Area Definition
- Analyze Existing Conditions
- Layout Pathway Network

First/Last Mile Planning Methodology

- Site Area Definition
 - Identify route and station (Rail, BRT, Bus, etc)
 - Access sheds per FTA Policy Statement
 - 1/2-mile for pedestrians
 - 3 miles for bicyclists

First/Last Mile Planning Methodology

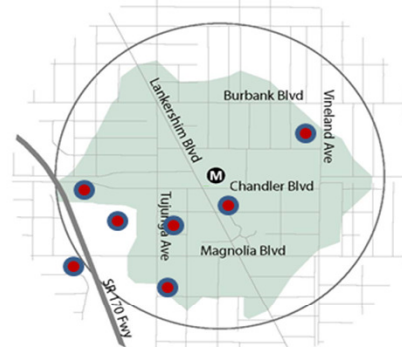
- Analyze Existing Conditions



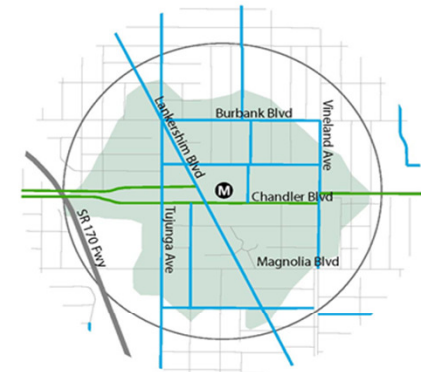
Access Sheds



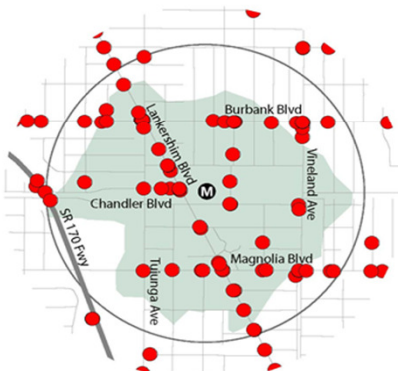
Transit Lines



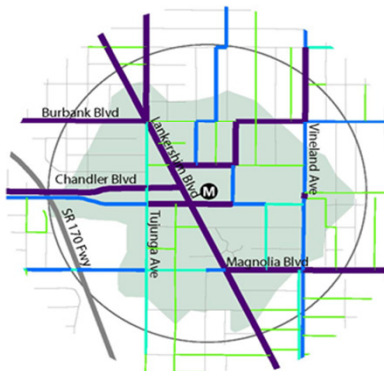
Key Destinations



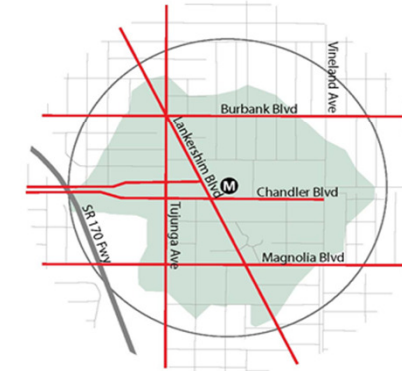
Bike Routes



Collision Data



Access Volumes



High Speed Roads



Land Use

First/Last Mile Planning Methodology

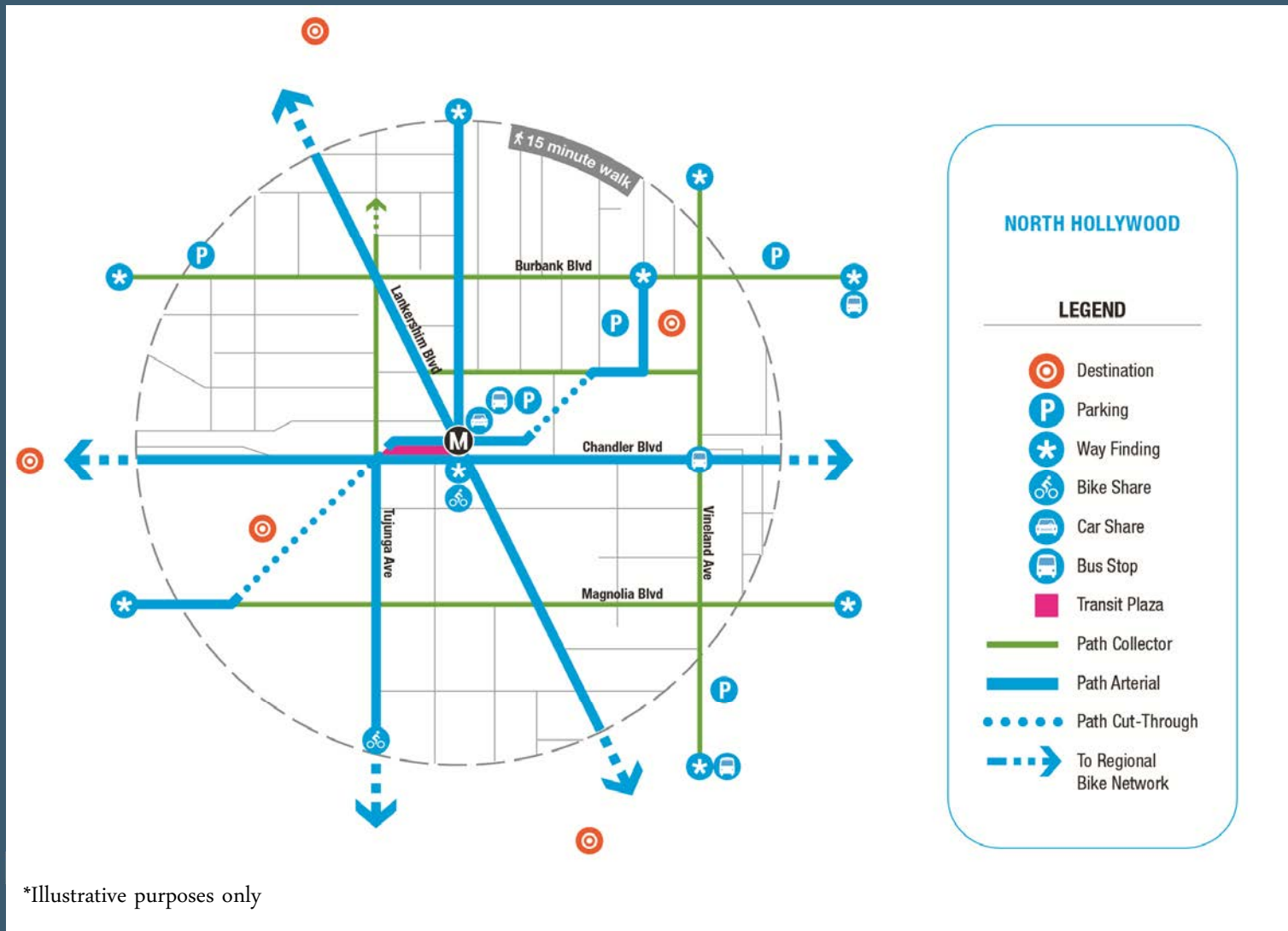
- Analyze Existing Conditions
 - Develop Overlay Map
 - Determine walking and bicycling routes
 - Conduct Station Survey
 - Safety
 - Aesthetics
 - Accessibility

First/Last Mile Planning Methodology

- Layout Pathway Network
 - Locate Pathway Arterials
 - Locate Pathway Collectors
 - Identify Site Specific Constraints and Opportunities
 - Evaluate Network
 - Refine Pathway Network

First/Last Mile Planning Methodology

- Pathway Network and Improvements



Thank You

Questions or Comments Contact:

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Plan Website:

http://media.metro.net/docs/sustainability_path_design_guidelines.pdf

